1st Term Endterm Exam Exercises

Number Values and Expanded Form

① What is the value of the bolded number?

- 2,0**6**5:
- **1**89:
- 1**7**,218:
- **6**41:
- **6**90,451
- 93,71**4**:
- 8**4**2,193:
- 39,5**3**7:

② Write the expanded form of the following.

- 6,391 =
- 847 =
- 19,372 =
- 86,103 =

Reading and Writing Numbers in Words

③ Write the following numbers in words.

- 369:
- 1,250:
- 67,522:
- 97,172:

Comparing Numbers with <, >, and =

④ Complete the follwing statements.

- 12 ___ 16
- 730 ___ 257
- 1,387 ___ 1,378
- -16 ___ 3
- -9 ___ -2
- -17 ___ 12
- 23,502 ___ 13,404
- -234 ___ -8,204

Rounding Numbers

⑤ Round the following to the nearest 10, 100 and 1,000.

	Nearest 10	Nearest 100	Nearest 1,000
27			
412			
1,309			
392,018			
94,194			

Roman Numerals

⑥ Complete the following table.

17		3	34			36
	XXIX			XVIII	IX	

Factors

⑦ Write all the factors of the following.

- 20:
- 32:
- 14:
- 42:

Prime Factors

⑧ Write the prime factors of the following.

- 24 =
- 50 =
- 18 =
- 60 =

Highest Common Factor (HCF)

⑨ Find the HCF of the following.

- 9 and 18 using all the factors:
- 20 and 30 using all the factors:

- 32 and 28 using prime factors:
- 15 and 12 using prime factors:

Lowest Common Multiple (LCM)

⑩ Find the LCM of the following.

- 8 and 12 using multiples:
- 8 and 6 using multiples:

- 24 and 18 using prime factors:
- 42 and 14 using prime factors:

Square Numbers

⑪ Calculate the square numbers of the following.

- $3^2 =$
- $6^2 =$
- $5^2 =$
- $8^2 =$

Negative Numbers

⑫ Calculate the following.

- -4 + 7 =
- -9 - 4 =
- 19 - 20 =
- -24 + 8 =
- 53 - 63 =
- -14 - 3 =
- -3 + 18 =
- 6 - 10 =

Multiplication

⑬ Calculate the following.

- 50 × 200 =
- Using the Box Method: 639 × 52 =
- Using the Lattice Method: 127 × 42 =

- 400 × 3,000 =
- Using the Box Method: 12 × 48 =
- Using the Lattice Method: 2,379 × 683 =

Divisibility Rules

⑭ Tick every field where the number on the left is divisible by the number on the top.

	2	3	5
68			
180			
693			
1,725			
849,144			

Division

⑮ Calculate the following. Remember that you can use the written division.

- 64 ÷ 8 =
- 24 ÷ 4 =
- 226 ÷ 2 =
- 148 ÷ 2 =
- 1,725 ÷ 5 =
- 90,033 ÷ 3 =
- 16,088 ÷ 8 =
- 195 ÷ 3 =
- 910,170 ÷ 5 =